Index of Claims

Applica	tion/Conf	rol	No.
---------	-----------	-----	-----

10/715,934

Examiner Thao P. Le Applicant(s)/Patent under Reexamination

MAO ET AL.

Art Unit

2818

Rejected Allowed

-	(Through numeral) Cancelled
÷	Restricted

N	Non-Elected
ı	Interference

A	Appeal
0	Objected

Tell File File	Cla	im	ı –				ate	,				1	Γ	Cla	im	_			C	ate	e -		_
1 + 51 52 53 4 54 55 53 54 55 55 56 77 57 56 57 57 57 58 59 60 60 60 60 60 60 60 60 60 60 61 61 61 62 63 63 64 64 64 64 64 64 64 65 66 67 67 68 68 68 69 69 69 70 70 72 73 72 73 74 <td></td> <td></td> <td>4/6/05</td> <td></td> <td>_</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>			4/6/05												_								
2 1 3 4 4 5 5 5 6 6 7 7 8 5 9 5 10 6 11 6 12 62 13 64 15 65 16 66 17 68 19 69 20 70 21 71 22 72 23 73 24 74 25 76 26 77 28 79 30 80 31 81 32 83 33 84 34 84 35 86 37 88 39 90 40 90 44 91 45 95 46 97 48 99 <td></td> <td>l</td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><u> </u></td> <td>-</td> <td>╁</td> <td>┨</td> <td>H</td> <td></td> <td>51</td> <td>\dashv</td> <td>-</td> <td>\dashv</td> <td>_</td> <td>-</td> <td>┢</td> <td>+</td> <td>-</td>		l	-						<u> </u>	-	╁	┨	H		51	\dashv	-	\dashv	_	-	┢	+	-
3 4 4 5 5 54 55 55 6 6 7 8 9 55 10 60 11 60 12 62 13 64 15 63 16 66 17 68 19 66 10 67 18 69 20 70 21 71 22 70 21 72 23 73 24 74 25 76 27 77 28 79 30 80 31 81 32 83 33 84 34 84 35 86 37 88 38 88 39 90	-		F	-	H	_	_	_	-	┢	╁	1	H		52	7			_		T	T	_
4 1 5 6 7		3	H	<u>`</u>	-				-	┪	T	1	r		53							I	
5 6 6 55 56 57 7 8 57 8 58 59 10 60 60 61 61 61 61 61 61 61 62 63 63 63 64 64 65 66 66 67 66 66 67 66 67 66 67 68 69 69 69 69 69 69 69 69 69 69 69 60	<u> </u>	4	H		\vdash	Н					Τ	1	ţ									$oxed{\mathbb{L}}$	
6 7 8 56 57 8 9 58 59 10 60 61 61 11 62 63 63 13 64 65 66 15 66 66 67 18 66 67 68 19 69 69 69 20 70 70 71 22 73 74 72 23 73 74 74 25 75 76 77 28 79 79 80 30 80 81 81 31 82 83 83 33 84 84 85 36 37 86 86 37 87 88 89 40 90 90 90 41 91 92 92 43 94 94 94 44 99 99 99	_		H	<u> </u>	\vdash					Т		1	Γ		55								
7 8 57 58 9 10 60 61 11 62 63 63 13 64 64 65 16 66 67 71 18 68 69 69 20 70 71 72 23 73 74 72 23 73 74 75 26 77 78 79 30 31 81 82 29 30 83 83 34 84 84 35 85 85 36 86 87 37 88 89 40 90 90 41 92 93 44 94 95 48 99 99		6	H		H			Г	Т	Γ	\top	1									L	╧	
8 58 9 59 10 60 11 62 13 63 14 64 15 65 16 66 17 66 18 69 20 70 21 72 23 73 24 74 25 76 26 76 27 77 28 78 29 80 30 80 31 82 33 83 34 84 35 85 36 86 37 88 39 89 40 99 41 91 42 92 43 94 44 95 95 96 97 97 98 99		7	IT	\vdash					Π]	E							_	╀	\perp	
9			$^{\dagger \dagger}$	Т]								_	L	4	_
11 12 61 62 63 13 64 65 66 66 67 66 67 68 66 67 68 69 69 70 70 70 71 72 73 73 74 74 74 72 73 73 74 74 74 74 74 75 75 76 77 78 88 79 79 79 79 78 80 80 80 80 81 82 83 83 84 84 85 86 86 86 86 86 86 86 86 87 73 88 88 89 90 <t< td=""><td></td><td>9</td><td>П</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>L</td><td></td><td></td><td></td><td></td><td><u> </u></td><td></td><td>L</td><td>┡</td><td>+</td><td>_</td></t<>		9	П										L					<u> </u>		L	┡	+	_
12 13 62 63 13 65 63 64 15 66 65 66 17 66 67 70 18 70 70 71 20 70 71 72 23 73 74 74 25 76 77 78 26 77 78 79 30 31 81 82 33 34 84 84 35 36 86 86 37 38 88 89 40 90 90 90 41 91 92 93 43 94 94 94 44 95 96 97 48 99 99 99		10	П						_		1_	1	L					_	<u> </u>	╙	╀-	+	_
13			\prod						L	上	\perp	1	L				_	<u> </u>	╙	1	╀	+	_
14 64 15 65 16 66 17 68 18 68 19 68 20 70 21 72 22 73 23 74 25 75 26 76 27 78 29 79 30 80 31 82 33 84 35 85 36 86 37 88 39 90 41 99 42 92 43 94 44 95 45 96 46 97 48 99		12	Ш	L		L		_	┖	┸	4	4	Ļ				_	├-		├-	╄	+	
15			П	L	_	_	L.	_	┺	↓_	+	4	Ļ		63		_			╁.	╀	+-	_
16 17 18 19 66 67 68 69 70 70 71 71 72 72 72 73 74 72 73 74 74 75 75 75 76 77 77 77 77 77 77 77 77 78 79 30 80 81 82 83 84 82 83 84 84 84 84 84 84 84 84 84 85 86 86 87 33 88 88 89 90 90 90 90 90 90 90 90 90 90 90 90 94 94 94 94 94 94 94 94 94 98 99 99 99 90 <td< td=""><td></td><td>14</td><td>Щ</td><td>┖</td><td>╙</td><td><u> </u></td><td>ــــ</td><td>┞</td><td>↓</td><td>1</td><td>╀-</td><td>4</td><td>-</td><td></td><td></td><td>_</td><td><u> </u></td><td>├</td><td>-</td><td>╁</td><td>╀</td><td>+</td><td>_</td></td<>		14	Щ	┖	╙	<u> </u>	ــــ	┞	↓	1	╀-	4	-			_	<u> </u>	├	-	╁	╀	+	_
17 18 67 68 19 68 69 70 21 71 71 71 22 73 74 74 25 75 76 77 28 79 78 79 30 80 80 81 31 82 83 84 32 83 84 85 36 37 86 87 38 88 88 88 39 40 90 90 41 91 91 92 43 94 94 94 45 96 96 97 48 99 99 99			11	\perp	┺	<u> </u>	<u> </u>	┡	1	-	4-	4	ŀ				⊢	⊢		╀	╀	+	_
18 19 68 69 70 71 72 71 72 72 72 72 73 74 72 73 74 74 74 74 74 74 75 75 75 76 77 78 79 78 79 80 81 81 81 81 81 82 83 83 84 82 83 83 84 84 85 86 86 87 88 88 89 89 89 90 90 90 90 90 90 90 90 90 90 94 94 94 94 94 94 94 94 96 96 97 97 98 99 <td< td=""><td><u> </u></td><td></td><td>11</td><td>4</td><td>├</td><td>╄</td><td>⊢</td><td> </td><td>+-</td><td>+-</td><td>+</td><td>4</td><td>ŀ</td><td></td><td>67</td><td></td><td>⊢</td><td>├</td><td>┢╌</td><td>╁</td><td>╁</td><td>+</td><td></td></td<>	<u> </u>		11	4	├	╄	⊢	 	+-	+-	+	4	ŀ		67		⊢	├	┢╌	╁	╁	+	
19 69 20 70 21 71 22 73 24 74 25 76 26 77 28 79 30 80 31 81 32 82 33 84 35 85 36 86 37 88 39 90 41 91 42 92 43 94 44 94 45 96 46 97 48 99 99 99			11	-	-	├-	┡	╀	╀	╄	+	4	ŀ				├	╁	┢╌	+	╁	+	_
20 + 70 21 71 22 73 23 73 24 75 25 75 26 77 27 77 28 79 30 80 31 80 31 82 33 83 34 84 35 86 36 86 37 87 38 88 39 90 41 91 42 92 43 94 44 94 45 96 46 96 47 97 48 98 49 99	-		11	┼	-	╄	╁	┼	╀╌	+	╬	┨	ŀ		60	-	╁	╁╴	┢	+-	+	+	_
21 71 22 73 24 74 25 75 26 77 28 78 29 79 30 80 31 81 32 83 33 83 34 84 35 85 36 86 37 88 39 90 41 91 42 92 43 93 44 94 45 96 47 97 48 99 99	<u> </u>		+1	+	╀	╀	}	╀	╁	╁	╁	\dashv	ŀ			_	┢╌	+	╁	╁╌	t	+	_
22 72 23 74 25 75 26 76 27 77 28 79 30 80 31 81 32 83 33 84 35 85 36 86 37 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 99 99 99	<u> </u>		+	+	╄	╀	╁	╁	╁	╁	+-	┥	ŀ			-	┝	\vdash	✝	+-	+	十	_
23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 84 35 85 36 86 37 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 99 99 99	-		+	+	+-	╁╌	╁	╁	╁	╁	╁	┨	ŀ			\vdash	\vdash	+	╁╴	十	+	\top	_
24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 83 33 84 35 85 36 86 37 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 99 99 99	-	22	+-	+	╫	╁╴	╁╌	╁	╁	╁	+-	┨	Ì		73		+-	\top	\top	T	†	7	_
25 75 26 76 27 77 28 79 30 80 31 81 32 83 33 84 35 85 36 86 37 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 99 99 99	-	23	+	+	╁╌	╀	╁╴	+	╁	╁	+	\dashv	ł			-	<u> </u>	✝	✝	T	†	7	_
26 76 27 77 28 79 30 80 31 81 32 82 33 84 35 85 36 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99	_		+	╁	╁╌	-	╁	+	╁	+-	+	1	Ì		75	1	T	T	1	T	T	丁	
27 28 77 29 79 30 80 31 81 32 82 33 84 35 85 36 86 37 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 99 49 99	-	26	╁	+	+	+	┿	十	╁	十	+	┪	l				\top	\top		1	7	T	
28 78 29 79 30 80 31 81 32 83 33 84 35 85 36 85 37 87 38 88 39 90 41 91 42 92 43 94 44 94 45 96 47 97 48 99 49 99		27	+-	+	+	╁	╁	1	+	┰	十	1	Ì			Г			\prod		\perp		
29 79 30 80 31 81 32 82 33 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 47 97 48 98 49 99	-	28	╁	+	\top	1	T	╁	T	1	7	٦	ı		78		Τ			L			_
30		29	1	\top	1	\top	T	T	T	\top	\top				79					┸	\perp	_	
31 81 32 83 33 84 35 85 36 86 37 87 38 89 40 90 41 91 42 92 43 93 44 94 45 96 47 97 48 98 49 99					\top	T	Τ	Τ	1	\top				-	80		丄	┸	\perp	┺	1	_	_
33 83 34 84 35 85 36 86 37 88 38 87 38 89 40 90 41 91 42 92 43 93 44 94 45 96 46 96 47 98 48 99		31	Τ				Т						ļ		81	L	1	1_	┸	4	4	4	_
34 84 35 85 36 86 37 88 38 88 39 90 41 91 42 92 43 93 44 94 45 96 46 96 47 98 48 99							L			┸	\perp	_			82	╙	\perp	+	-	+	+	4	_
35 85 36 86 37 88 38 88 39 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 99 49 99		33				\perp		丄	\perp	4	_ _	4				┞-	+	+	+	+	+	4	_
36 86 37 88 38 88 39 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 99 49 99				_	\perp	↓.	\perp	1	4	4	\perp	4			84	╀	╁	+-	+	+	╬	\dashv	
37 38 39 40 41 42 43 44 44 45 46 47 48 49	<u> </u>			\perp	1	4	1	+	4-	4	+	4		 		╀	╀	+-	╁	+	+	\dashv	_
38 88 39 90 40 91 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99				\perp	4		+	╀	+	+	+	\dashv		-		╁	╁	+-	+	+	╁	\dashv	_
39	 			4-	+	+	+-	+	+	+	+	\dashv		_	90	╁╴	╁	┿	╁	╅	+	ᅥ	
40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	<u> </u>			+-	┿	+	╁	╀	+	+	╁	\dashv		-		╁	+	╫	╁	$^{+}$	+	┪	Г
41	<u> </u>			+	+-	╁	╫	╁	+	+	+	\dashv		-	90	╁╴	+	+	+	╅	\forall		Γ
42 92 43 93 44 94 45 95 46 96 47 97 48 98 49 99	-			+	+	╁	+	+	+	+	\dashv	\dashv		-		t	┿	╅	+	\dagger	7	\exists	Γ
43 93 44 94 45 95 46 96 47 97 48 98 49 99	-	4	;	+	╅	+-	+	十	╅	+	$^+$	┨		_	92	+	十	T	十	1	\exists		Γ
44				╅	+	+	╅	+	$^{+}$	7	_	┪			93	1	\top	┪			7		Γ
45	\vdash			+	十	\top	\top	十	+	7	寸	\neg			94	Т	7		\top		\Box		
46	—			+	1	+	7	十			\Box							\Box	\perp				L
47 97 98 98 99 99 99 99 99 99 99 99 99 99 99		46	5	_	_			I											1	4	_	_	L
49 99		4	7			I	I		\prod		\Box	\Box					\perp	⊥	\perp	\downarrow	4		Ļ
					Ι	I	\prod	I	I	\bot	_[\Box		L			1	\perp	4	4			Ļ
50						\perp	4	\perp	4	4	\dashv	\dashv		<u> </u>			4-	+	+	4	-		+
		_ 50	0	\perp				\perp				\sqcup			100	<u> </u>							L

Final						_	D	ate	•					╝
Final	'	٦	_	Ţ			Τ	٦		Γ	T			1
Fina	Original	- 1		1			١			١	- 1		l	
iI	ᇙᅵ	- 1		1			1			l	١		ı	
	5	ı		1		ŀ	ı		ĺ	1	- 1			
1 1	91			١			1				ı			
\vdash	51	┪	_	+	_	Т	T	_		T	_		Τ	
\vdash	-51	-1	_	+		⊢	+	_	_	╁		_	╁	_
	52			4	_	L	4	_	_	╄	_	_	╀	_
	53	- 1		1		١	١			1			L	
	54 55			7		Г	Т			Т			Г	
\vdash	EE	_	_	+		┢	+		_	t	\neg	_	1	
	55	_	_	4		⊢	+		├	+	-	_	╁	
	56			_	_	L	┙		_	1	_		L	_
	57			1			-			ı			1	
	58		Г	7		Τ	7		Г	Т			Т	
	50	_	⊢	┪		╁	+		╌	╈	_	Н	t	
	59		L	4		╄-	4		⊢	+	_	 	╄	_
	60								L	L		匚	Ļ	_
	61		Ţ			1			1	i			ı	
\vdash	62		T	1	_	T	7			1		Г	Т	_
_	62 63	_	+	\dashv	_	+	+	—	+-	+	_	\vdash	t	-
<u></u>	63	_	L	_	_	1	4		⊢	+	_	-	+	_
1 7	64		l			L	╛				_	_	1	
	65					Γ	٦		Γ	T		-	Γ	
-	66		t	_	_	+	┪	_	1	7		1	T	
			₽	_		╀	\dashv		╁	+		⊢	+	_
L	67		L			┸	_		╄	4	_	┡	+	
	68		1			1			_			<u>L</u>		
	69		1			1			Τ	٦		Γ	Т	
	70		╁		-	╁	_	_	+	7		╈	+	_
	70	_	╀	_	⊢	╀	_		╀	+		+-	+	_
	71					L		L.,	\perp	┙		_	4	_
	72		Τ			Τ	-	l	ı	-		1	١	
	73 74		t	_	Г	+			┰	7		Т	Т	
	13		╀		⊢	╁	_	-	╫	┪	_	╁╌	+	_
L	/4		╀	_	L	4		L	+	4		1-	+	
	75		1		_	1				┙			1	
	76		Т		Γ	Т			1				1	
-	76 77	-	t	_	Н	+	_	✝	+-	┪		\top	7	_
-	111		+	_	⊢	╁	_	┝	┿	-	_	+	+	
L	78	_	1		L	4		_	+	4	_	+	4	
	79		ı		١	L							_	
-	80		Т		Т	Т		Г	Т	_			- 1	
-	01	_	+	_	+-	┪		┢	1	_	-	+	T	
ļ	81 82	\vdash	+	_	+-	+	_	╁	╁	-	⊢	+	+	_
	82	ot	1		1	4	_	1	1	4	<u> </u>	+	4	_
	83		1		1			L	1		L	L	╝	_
	84	_	T		Γ	Т	_	Γ	Т	٦	Ī	Ţ	T	_
-	85	\vdash	╁		t	+	_	1	十	_	Ι-	十	-†	
ļ	1 00	\vdash	+		+-	+	_	+	╁	_	-	╅	-	_
L	86	1_	1	_	1	\perp		┺	4		<u> </u>	\perp	_ļ	
	87	١	Ţ		1	1		1.			L	1		
	88	Τ	7		Т	┪		Τ	T	_	Π	Т	٦	
-	1 60	\vdash	+	_	+	\dashv		+	+	_	✝	+	\neg	Т
L	89	+	4	_	+	4		1-	+		⊢	+	-	H
L	90	L	┙		1	┙	_	\perp	4		1	1	_	L
	91	Γ	T		Γ		-	1			1	_]_		L
-	92	1	7	_	T	_		Τ	\neg		Т	7		Γ
-	100	+-	+		╁	-	_	+-	+		t	+	-	H
	93	1	4	_	+	4		+	+		╀	+	_	-
<u> </u>	94	L			l			\perp	\perp		L	\perp		L
	95	Г	٦		T	٦		Г	Ī		1			1
	עמו	-	-	_	+	_		┰	┪	-	T	7		T
	95		ł											
	96	Ļ	4	_	╁	-	_	+	+		╁	+		┝
	96 97	_			\dagger		_	‡	1			1		
	96 97 98	-			+				_				_	-
	96 97	-		_	+			+	+		+		_	-

-		_	_		_	_	_	_	_	ite	_				_	-	٦	
Cla	aim	_	1	_	г	_	_	<u>ـــٰ</u>	18	T	<u>-</u>			_	7		┥	
Final	Original																ļ	
	101	$\overline{}$	T		Γ		Γ					I						
	102	_	T		Ī		Г		Г			T		Γ				
	103		T		T		Γ		Г			Т		Γ				
	104		T		Γ									L				
	105		I						L		L	_		L		L	_	
	106		Ι								L	1		L		L	╝	
	107 108				L		L	_	L		L			ļ		L	_	
	108	L	1		l		ļ		L	_	L	4		ļ		L	_	
	109	_	↓	_	ļ		Ļ	_	L		L	4		1	_	L	4	
	110	L	1		1		╀		Ļ	_	L	_	_	4		L		
	111	<u> </u>	1	_	1	_	+		1	_	١.	-		+		L	4	
	112 113	<u> </u>	1	_	1	_	¥		1	_	H			+	_	Ł	_	l
	113	1	4		1	_	1		+		\vdash	-		+	_	\vdash	_	
	114	1	+		4		+		Ļ	_	ŀ	4		+	_	+	_	l
	115 116	╀	+	_	+		+	_	╀	_	╀	-	_	+		╀	_	
	117	┢	+		+	_	÷	_	+	_	╁	-	_	+	_	t		
	117	╁	+		+		+		t	_	t	-		+		t	_	l
	118 119	╁	+	_	+		+		t		t	_	-	†		t	_	١
	120	+	+	_	1		†		t		t	_		†		T	_	1
	121	†	7		1		†		†	_	t		Г	7		1		1
_	120 121 122	T	7	_	1		1	_	Ť		T					I]
	123	†	1	_	1	_	1		T					I		Ι]
	123 124 125	1	7				1		Ι	_	I			·		Ι	_]
	125	I							1		1		L	4		1		1
	126 127			_			_		1		1		L	4		1		1
	127	\perp	┙			L	4		1		1	_	<u> </u>	4		1		1
	128	1	_		_	_	4		4	_	4		┡	4		+		4
	128 129 130	4	4	_	_	L	4	_	4		4			4		+	_	4
	130	4		L	_	L	4	_	4		+	_	╀	4	_	+		4
	131 132	+	_	_	_	L	4	_	+		+		╁╴	4	_	+		1
	133	+	-	H	_	-	-	_	+		+	_	╁╌	\dashv	_	+		1
	134	+		H	-	-	-	_	+	_	+		╁	-		+	_	┧
_	135	+	_	-	-	┝	-	H	1	_	+		Ť	-	┢	1	-	1
_	136			-		t	_	Г	7	_	7		1		Г	1		1
	137	'		Τ		T	_		7	_	7					1		
	138	3	_	Γ		Γ							I					
	139)												_	L	1		
	140)						L		L	_		1	_	L	4	_	4
	141			L	_	L		L		L	_	L.	1		L	4	_	4
	142	<u>:</u>	_	L	_	1		1	_	\vdash	4	_	+	_	-	4	_	4
<u> </u>	143			1	_	+	_	╀	_	H	_	-	+		\vdash	4	H	4
<u> </u>	144			+	_	+	_	╀	_	H	_	-	+	_	╁	4	\vdash	4
<u> </u>	145		_	╀	_	╀	_	╀	_	-	_	\vdash	+	_	╁	-	\vdash	4
\vdash	146		_	╀	_	+	_	╁		\vdash		┝	+		+	-	 	-
\vdash	14		_	+		+		+	_	+	_	╁	+	_	t	_	\vdash	_
\vdash	149			$^{+}$	_	$^{+}$	_	†		t	_	+	+		t	_	\vdash	
\vdash	150			+	-	\dagger	-	+		t	_	T	\dagger		t		Τ	_
_	1.5	<u>- 1</u>			-	_	-		_			-	•			_	-	_